SAFETY DATA SHEET

1) IDENTIFICATION

Product Name: MYDONEG PLUS Bleach and Replenisher

Champion Product Code: 140308, 140320

Presentation: Compak to make 2 x 10 Litres or 4 x 5 Litres

Supplier:
CHAMPION PHOTOCHEMISTRY
INTERNATIONAL LIMITED
Hubert Road
Brentwood
Essex CM14 4JE
United Kingdom

Telephone No: + 44 (0) 1277 263646

Fax: + 44 (0) 1277 260832

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2) COMPOSITION/INFORMATION ON INGREDIENTS

Product Description:

A two part negative film bleach containing the following principal components in aqueous solution:

Part A
Ammonium Bromide
Acetic Acid (<10%)
Diethylaminoethanethiol hydrochloride (<2%)

Part B
Ethylenediaminetetracetic Acid, Ammonium Ferric Complex
Ammonium bromide
Ammonium nitrate (<3%)
Other components (<2%)

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3) HAZARDS IDENTIFICATION

Human Health Hazards:

Not classified as hazardous, although the evolution of small quantities of acetic acid vapour from the Part A may cause respiratory irritation to asthmatics or persons with known respiratory problems.

Safety Hazards

Contact with photographic Developer liberates irritant gas, (ammonia).

Environmental Hazards:

Not expected to cause significant environmental impact.

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4) FIRST AID MEASURES (Parts A and B)

Eyes:

Flush immediately with eye-wash solution or clean water for at least 15 minutes holding the eyelids apart. Obtain medical attention if irritation develops.

Inhalation:

Inhalation of the product is not likely to occur. In the event of inhalation move to fresh air and obtain medical attention if symptoms occur.

Skin Contact:

Remove any contaminated clothing and wash skin thoroughly with water followed by a neutral cleanser and water. Wash contaminated clothing before re-use.

Ingestion:

Rinse mouth with water and drink two glasses of water. Do not induce vomiting. Obtain medical attention.

IN ALL CASES OF DOUBT OR IF SYMPTOMS PERSIST, SEEK MEDICAL ADVICE. SHOW THE PRODUCT LABEL AND THIS SAFETY DATA SHEET TO THE DOCTOR

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5) FIRE-FIGHTING MEASURES

Not classified as flammable. If involved in a major fire toxic gases may be produced, (NO_X, ammonia, hydrogen bromide). If the water is lost by evaporation the solid residue may assist fire.

Extinguishing Media:

Suitable for the surrounding fire.

Protective Equipment:

Self-contained respiratory equipment.

6) ACCIDENTAL RELEASE MEASURES

Personal Protection:

When dealing with spillages of concentrate or working strength solution, use the personal protection specified in Section 8. Ensure spill area is well ventilated throughout the clean up operation.

Environmental Precautions:

Prevent spillages from entering drains by absorption into an inert absorbent material such as dry sand or earth and transfer to a metal container for disposal by a licensed waste contractor.

Cleaning Up:

After collecting the bulk of the spillage thoroughly wash area to drain with water.

7) HANDLING AND STORAGE

Handling:

When handling product concentrates, avoid contact with eyes, skin and clothing and avoid inhaling vapour. Use in a well ventilated area. Avoid contact with the working strength solution and avoid inhaling vapour. After handling, the routine use of a neutral, (non-alkaline), hand cleanser will minimise the risk of adverse skin reaction.

Storage:

Store in a dry, well ventilated area at a moderate temperature. Store away from flammable and readily combustible materials.

8) EXPOSURE CONTROLS/PERSONAL PROTECTION

Acetic acid vapour may be liberated from the product and working strength solution.

UK Occupational Exposure Standards:

STEL (15 min) Acetic Acid	37mg m^{-3}
TWA (8 hour) Acetic Acid	25mg m^{-3}

Engineering Measures:

Ensure good ventilation of the whole working area and/or local exhaust ventilation of the mixer and processor areas.

Respiratory Protection:

Should not be required.

Skin Protection:

Wear impervious gloves when handling concentrates and to prevent contact with the working strength solution.

Eye Protection:

Wear safety glasses with side-shields as the minimum level of protection. Provide eye-wash bottles in the immediate working area.

9) PHYSICAL AND CHEMICAL PROPERTIES

	Part A	Part B
Appearance:	Colourless liquid	Deep Reddish-brown liquid
Odour:	Distinct, characteristic	Slight
pH:	1.9	6.4
Relative Density:	1.19	1.26
Freezing Point:	No data	No data
Flammability:	Not flammable	Not flammable
Solubility in water:	Completely soluble	Completely soluble

10) STABILITY AND REACTIVITY

Stability:

Stable under recommended storage and use conditions.

Materials to avoid:

Avoid contact with strong oxidising agents.

Hazardous Decomposition Products:

None under normal conditions of use.

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11) TOXICOLOGICAL INFORMATION

Eye Contact:

May cause mild to moderate irritation.

Skin Contact:

Unlikely to cause irritation.

Ingestion:

May cause symptoms of potassium bromide ingestion, (nausea, vomiting, drowsiness). Central Nervous System depressant.

Inhalation:

May cause breathing difficulties to asthmatics due to evolution of small quantities of acetic acid vapour.

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12) ECOLOGICAL INFORMATION

The following summary of expected environmental effects is based on known data for the principal components and on the physico-chemical properties of the preparation.

The product has a very low biochemical oxygen demand and little potential to cause oxygen depletion in the aquatic environment. The product, and therefore the working strength solution, contain components which are not expected to be readily biodegradable.

Used working strength solutions may contain varying levels of silver from processing.

As a result of the above properties, precautions should be taken to prevent the release of the product or working strength solution into the environment, (see Section 13).

13) DISPOSAL CONSIDERATIONS

Surplus Product and Working Strength Solution:

Disposal should be in accordance with current local and national legislation and only by a licensed waste contractor. Do not dispose of either concentrate or working strength solutions into drain sewers or waterways.

Plastic Containers:

Rinse thoroughly with water and dispose as solid waste to land fill or re-cycle where possible.

Cardboard Cartons:

Re-cycle where possible.

14) TRANSPORT INFORMATION

Not classified as hazardous for transport by road or rail.

15) REGULATORY INFORMATION

Not classified as hazardous.

16) OTHER INFORMATION

The information contained in this Safety Data Sheet does not constitute the users own assessment of work place risk as required by other health and safety legislation, (e.g. COSHH Regulations in the UK).

Document History
Prepared by: DS
Revision No: 1
Revision Date: 06/11/95
Reference Sources Include: CHIP Regs 1994 and related ACOPS
UK HSE EH40/95, Occupational Exposure Limits
Croner's First Aid Guide
Supplier Raw Material MSDS.

An asterisk (*) in text indicates revision since last issue.

The information contained in this Safety Data Sheet is to our best present knowledge correct and complete and is given in good faith but without warranty.

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